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12			UTILITY		Attorney	/ Dock	et No.	474	40-235				
P				First Inv	entor	or Appl	icatio	n Identii	fier	Ralph	Gholmieh		
	TRANSMITTAL					Red	uced S	ignal	ling Pov	ver He	adroom	Feedback	
(01	nly for n	ew nonpro	visional applications	under 37 CFR § 1.53(b))	Express	Express Mail Label No. EV 368751584 US							
	APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.					F.O. DOX 1400							
1. 2. 3. 4. 5.	*Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Specification [Total Pages 22) (preferred arrangement set forth below) — Descriptive title to the Invention — Cross References to Related Applications — Statement Regarding Fed sponsored R & D — Reference to Microfiche Appendix — Background of the Invention — Brief Summary of the Invention — Brief Description of the Drawings (if filed) — Detailed Description — Claim(s) — Abstract of the Disclosure Drawing(s) (35 U.S.C. 113) Total Sheets 4] A. Oath or Declaration [Total Pages 4] a. Newly executed (original or copy) b. Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below] i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).			63(d)) on,). checked) n which a Box 4b, e ated by	ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 6. Microfiche Computer Program (Appendix) 7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)					scation, ed			
17.	If a C] Contin	_		ntinuation-in					lication	No:	reliminary stateme	ent:
				18. CC	PRESPON	IDENC	E ADDF	RESS	·				
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	ne (Prin	t/Type)	Michael D. Mu				Regi	istratio	n No. (Atto	mey/Ag	ent)	44,958	
Sig	nature		Mul	Hom	<u> </u>					Dat	te	December 16, 200	3

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Approved for use through 9/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL	Complete if Known				
Patent fees are subject to annual revision on October 1	Application Number	TBA			
These are the fees effective December 29, 1999.	Filing Date				
Small Entity payments must be supported by a small entity statement.	First Named Inventor	Gholmieh, et al.			
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.	Examiner Name	TBA			
See 37 C.F.R. §§ 1.27 and 1.28.	Group Art Unit	TBA			
TOTAL AMOUNT OF PAYMENT (\$)1,026.00	Attorney Docket No.	4740-235			

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)						
The Commission is hereby authorized to charge	3.	3. ADDITIONAL FEES						
indicated fees and credit any over payments to:	Large Fee Code	Entity Fee	Small Fee Code	Entity Fee	Fee Description) Pald		
Deposit 10 1107	Code	(\$)	Code	(\$)				
Account 18-1167 Number	105	130	205	65	Surcharge - late filing fee or oath			
TVOITIOG!	127	50	227	25	Surcharge - late provisional filing fee			
Deposit					or cover sheet			
Account Coats & Bennett, P.L.L.C.	139	130	139	130	Non-English specification			
Name	147	2,520	147	2,520	For filing a request for reexamination	\sqcup		
Charge Any Additional Charge the Issue Fee Set in	112	920*	112	920*	Requesting publication of SIR prior to Examiner action			
Fee Required Under 37 CFR §1.18 at the Mailing of the	113	1,840*	113	1,840*	Requesting publication of SIR after Examination action	1 1 1		
37 CFR §§1.16 and 1.17 Notice of Allowance	115	110	215	55	Extension for reply within first month	 		
2. A Payment Enclosed:	116	380	216	190	Extension for reply within second month	<u> </u>		
	117	870	217	435	Extension for reply within third month	\vdash		
Check Money Order Other	118	1,360	218	680	Extension for reply within fourth month			
FEE CALCULATION	128	1,850	228	925	Extension for reply within fifth month			
1. BASIC FILING FEE	119	300	219	150	Notice of Appeal			
Large Entity Small Entity	120	300	220	150	Filing a brief in support of an appeal			
Fee Fee Fee Fee Description Fee Paid	121	260	221	130	Request for oral hearing			
Code (\$) Code (\$)	138	1,510	138	1,510	Petition to institute a public use proceeding			
101 770 201 345 Utility filing fee 770.00	140	110	240	55	Petition to revive - unavoidable			
106 310 206 155 Design filing fee	141	1,210	241	605	Petition to revive - unintentional	!		
107 480 207 240 Plant filing fee	142	1,210	242	605	Utility issue fee (or reissue)			
108 760 208 380 Reissue filing fee	143	430	243	215	Design issue fee			
114 150 214 75 Provisional filing fee	144	580	244	290	Plant issue fee			
SUBTOTAL (1) (\$)770.00	122	130	122	130	Petitions to the Commissioner	1 1 1		
	123	50	123	50	Petitions related to provisional applications			
2. EXTRA CLAIM FEES	126	240	126	240	Submission of Information Disclosure Stmt.			
Fee from Extra Claims below Fee Paid	581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00		
Total Claims 32 -20** = 12 X 18.00 = 216.00 Independent 3 -3** = 0 X 86.00 = 0.00	146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))			
Claims	149	760	249	380	For each additional invention to be			
Multiple Dependent Claims X =] ````	, , ,	0	555	examined (37 CFR 1.129(b))]]		
** or number previously paid, if greater; For Reissues, see below	_				G. C. T. 1. 125(b))			
Large Entity Small Entity	- Louis	/one sife d						
Fee Fee Fee Fee Description	Other is	e (specify)						
Code (\$) Code (\$)								
103 18 203 9 Claims in excess of 20	Other fe	e (specify)						
102 78 202 39 Independent claims in excess of 3								
104 260 204 130 Multiple dependent claim								
109 78 209 39 **Reissue independent claims								
over original patent	*Reduc	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)40.00						
110 18 210 9 **Reissue claims in excess of 20	1							
and over original patent	- [
SUBTOTAL (2) (\$)216.00	İ							

SUBMITTED BY		Complete (if applicable)			
Typed or Printed Name	Michael D. Murphy			Reg. Number	44,958
Signature	Martant) Many	Date	December 16, 2003	Deposit Account User ID	18-1167

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re Application of:)
Gh Imi h, et al.)) EXPRESS MAIL CERTIFICATION
Serial No.: Unknown) LABEL NO.: EV 368751584 US
Filed:)
Title: REDUCED SIGNALING POWER HEADROOM FEEDBACK)))
Attorney's Docket No: 4740-235	Raleigh, North Carolina
MAIL STOP PATENT APPLICATION	December 16, 2003

MAIL STOP PATENT APPLICATION COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

Sir:

EXPRESS MAIL CERTIFICATE LABEL NO.: EV 368751584 US

DATE MAILED: December 16, 2003

I hereby certify that the enclosed US Utility Patent Application Transmittal Form, Fee Transmittal Form (2 Copies), specification and claims, drawings (1 set of 4 sheets), Declaration and Power of Attorney, Assignment and Recordation Sheet, and our check number 10810 in the amount of \$1,026.00 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

COATS & BENNETT, P.L.L.C.

By:

Michael D. Murphy Registration No. 44,958

Telephone: (919) 854-1844